Forests Show Needs,

Data on Streamflow.

the water from soaking into the

Absorption of Rain.

"Downpours of rain were ab-

sorbed far more effectively by the soil of the well-forested area

by that of the poorly-forested one. Indeed the maximum discharge

one-half as much as from the lat-

dry at that time its effect in pre-venting surface run-off was quite

amount of eroded material. All of

the differences noted would have

been more pronounced had the well-

forested watershed not had steeper slopes than the other, and had the

latter been completely deforested.

Comparison in Colorado.

"Soon we will compare these re sults with those obtained from the very similar study now under way at Wagon Wheel Gap, Colo. The clearing of the area took place a

year ago, so that it will soon be rossible to draw tentative con-

"Results of the Swiss investiga-

"Results of the Swiss investigation will greatly strengthen the
hands of those who are urging the
protection of our mountain forests
as a means of safeguarding our
water supplies. While the precise
relations determined to exist, there
are strictly applicable only to other
areas with the same physical conditions, careful analysis of the factors concerned leaves no doubt that
the demonstrated tendency of a
forest cover in hilly countries to

crest cover in hilly countries to check surface run-off and to equal-ze stream flow is universal. Added

trength is thus given to the policy

f Federal acquisition of mountai orests, inaugurated nearly te

forests, inaugurated nearly ten years ago by the passage of the Weeks law."

Two Lectures This Week At St. John's College

The board of governors of the

Irish Meetings to Be Resumed

might at 8 p. m. at Gonzaga Hall.
Miss Ada Gannon, formerly national chairman of the Ancient
Order of Hibernians, will speak.

Catholic University, on Service."

After prolonged rains the efof the forest cover upon

Says P.S.Ridsdale.

OF ARMS PARLEY President Harding to End

Tamous Conference

Tomorrow.

Cutinued from Page One. Desiring to provide a procedure rise"in connection with the execution of the provisions of articles 2 and 5 of the treaty to be signed hington on February 6, 1922, with reference to their general polley sesigned to stabilize conditions in he Far East, to safeguard the rights and interests of China, and to promote intercourse between China and the other powers upon China and the other powers upon the basis of equality of oppor-

Resolve that there shall be established in China a board of ref-erence to which any questions aris-ing in connection with the execution of the aforesald articles may referred for investigation and

Jap Homeland Excluded.

The special conference provided in Article II of the treaty to be signed at Washington on February stitution of the board."

Harding that the Japanese home-land, was excluded from the fourpower Pacific treaty provision. 1t was as follows:

The United States of America, the United Empire. France and Japan have through their respective plenipotentiaries, agreed upon the following stipulations supple. to the quadruple treaty at Washington on December 32, 1921.

"The term 'insular possessions The term insular possessions and insular dominions, used in the aforesaid treaty shall, in its application to Japan, include only Karatuto (or the southern portion of the island of Sakhalin). Formosa, and the Pescadores, and the islands under the mandate of Japan.

Emphatic denial was registered by Mr. Crandall to published respective attributed to a decorate that

English shall remain deposited in the archives of the government of the Linited States and duly certi-plained, Mr. Geare was employed to dence the grand jury and, perhaps,

the Jinited States and duly certified express thereof shall be transfulfied by that government to each of the other contracting powers."

There also was read into the rectord of the conference the positions of the United States and Japan the Work was started.

The United States and duly certified with the plans and specifications. The plans were approved by the Comdr. G. W. McKay, J. M. Michaelstone of the United States and Japan the work was started.

During the construction of the conference the positions of the conference the positions of the United States and Japan the work was started.

Senator Root personally presentSenator Root personally presentdethe resolution which provides for application was made for a permit to Senator L. H. Ball, chairman of the calling of a supplementary content of the senate District Committee, which is to revise the rules ference which is to revise the rules that there is no desire to his part that there is no desire to his part that there is no desire to his part the work of the District of the Committee, which follows:

"In compliance with the request ginning of the rain.

"If the soil was comparatively that time its effect in pre-

The complete business program aim. We have set ourselves determinedly to the removal of that led to the disaster. It is not the plenary session was finished terminedly to the removal of that led to the disaster. It is not that led to the disaster. We led to the reduction of armament so far as that could be obtained. "While the Commission of the work accomplished. "We have not devoted ourselves to hopes. We have devoted our selves to hopes which could be obtained to believe that in the district of Columbia has the prince that led to the disaster. The first speaker was Mr. Balfour.

The first speaker was Mr. Balfour.

The referred to the opening address of Precident Harding, and said that tained."

ing in China would be "considered outside of the comity of nations."

The Chinese situation, the declared.

Given Rele of Leadership. has been one that always was dangerous, and he admitted that he was gerous, and he admitted that he was not certain that anxiety over China was at an end. However, it was his opinion that China must work out her own changes to meet the situation now existing. All that the other nations can do, in the opinion of Mr. Balfour, is to help China China.

D'Alte Lauds U. S.

D'Alte Lauds U. S.

At great length he reviewed the general work of the conference, especially as it affects China, and declared that all nations now have a set of rules of conduct to deal with Chipsee affairs. All of the treaties arranged by the conference will work out to prevent war, in the opinion of the speaker.

Spekesmen for each of the delevision and broader aspect, also, the American government has been given the role of international leadership in promoting world peace through the provisions of the conference treaties.

Practically all of the treaties of the conference provide for future international conferences in some form or other, to meet world problems, and many observers last Applauded at Theater

Eager for Asia Minor Oil.

SUNDAY MORNING---



The division of oil spoils in Asia Almor is occupying the British, French and Italian foreign offices preliminary to the conference on the Near East, scheduled for February 9.

FEDERAL ENGINEERS REPORT ON ROOF CRASH INVESTIGATION

6. 1822. With reference to the Chinese-customs tariff shall formulate for the approval of the powers concerned a detailed plan for the constitution of the heard." District Attorney Says Faulty Construction Caused Collapse of Theater

The conference also adopted the supplement to the Pacific pact, which made effective the bellet originally expressed by President material being used in the construcmaterial being used in the construction of the theater, and other per sons who are reported to have heard sounds of the shearing of metals and settling of ma were scored by Mr. Crandall.

"If the people who make these assertions had told us about the inferior material" being used and of the strange sounds of the set-tling of masonry, I would have immediately closed up the theater and made necessary repairs," he said. He expressed the opinion that

Explain Positions on Siberia.

The present agreement shall have the same force and effect as the said treaty to which it is supplementary.

The provision of Article IV of the aforesaid treaty of December 13, 1921, relating to ratification shall be applicable to the present agreement which in French and Editish shall remain deposited in

of the United States and Japan regarding Siberia made public soms regarding Siberia made public soms building. Inspectors from the building inspectors from the building inspectors from the building inspectors from the building inspectors office were on the scene to withdraw eventually from Siberia while the United States frankly announces that it well as Mr. Gears and his force. The building, on completion, was subject to a rigid inspection by District officials before it could be opened, while another inspection by Senator Root personally presents.

Senator Root personally presents.

Senator Root personally presents defined the resolution which provides for ed, the resolution which provides for ed, the resolution which provides for application was made for a permit to senator L. H. Ball, chairman of the Senate District Committee,

ference which is to revise the rules for warfare. It was specifically set forth in this agreement that this conference "shall not review the submarine and the poison gas treaty."

After this the conference adopted a supplement to the naval treaty a supplement to the naval treaty which signatories in the signatories of the signatories who lost his mother and father in Knickerhocker Theater is desirable.

of Precident Harding, and said that his suggestion that the conference was to work for the welfare of mankind was well made.

Can Help Chias.

"I think the advice so nobly tendered has been taken advantage of," said the British delegation leader. "and we have had a consciousness" taken to conclusion the final details of bringing the parley to a definite end, the Japanese and Chinese plenipotentiarles met and signed the Shantung treaty.

said the British delegation leader.
"Ind we have had a consciousness that we were working in the service of mankind."

He referred to the agreement on thina as being of the utmost importance, declaring that any nation that in the future might try to being about a secret understanding in China would be "considered".

Chinese plenipotentiaries met and signed the Shantung treaty.

But while the Washington conference, will come to a definite end on Monday, the parley, practically speaking, will continue for a long time, and the machinery for the promotion of world peace which has been set in motion by this conference,

Given Role of Leadership.

The American State Department in Washington from now on will be a center of international affairs. The United States government has been made the headquarters for official notifications and other machinery for carrying out the various treaties concluded in the conference.

From a broader aspect, also, the From a broader aspect, also, the

work out to prevent war, in the opinion of the speaker.

Spokesmen for each of the delegations made speeches along similar lines. All praised in the warmlest items the action of President Harding in calling the conference and the American delegation, especially Secretary Hughes, for leadership.

Viscount D'Alte, the delegate from Portugal, was eloquent in his remarks.

Tamerica, he said, "has justified her leadership in the world."

Secretary of State Hughes, in closing, among other things said: "The measure of success which

the crash. The letter absolved Mr. Crandall from any blame for the

tragedy.

In closing the interview. Mr. single exception of the forest cover, the participating countries, would thanked the newspapers the two watersheds were strictly the participating countries, would not be worked out in care and detail; their ultimate scope would detail; their ultimate scope would be determined by experience. sponsibility of the disaster. He plete also thanked the police, firemen, soldiers, sailors, Marines, doctors, nurses and civilians for aiding in the most complete and convincing the rescue work, the Red Cross, the Salvation Army, caterers and hotels who furnished coffee to the rescue who furnished coffee to the rescue party and the First Church of the proportion of the yearly an international currency, or it might nurses and civilians for aiding in

Country Club who established first aid stations on their premises. Investigation Thorough.

"The corps of army and navy en-sineers who have investigated this disaster have made a most thor-ough and scientific research," District Attorney Gordon said. "Thei summary report based on memo "Their of the six-day investigation, prac-tically determines the cause from a

of the Knickerbocker Theater

ary 1, 1922, with which was trans-mitted Senate Resoluation 229, the Commissioners of the District of to state that a thorough investigation of the col-lapse of the roof structure of the two streams. Although the forest not to sell any of their warships between now and final ratification of the treaty. Such a sale, it was explained, would be a violation of the iteraty provisions.

The complete business program of the plenary session was finished.

'Would Probe "Commission." "While the Commissioners have no evidence that would induce them to believe that in the employes of District of Columbia have connived in disregard of the law and have winked, at careless and criminal practices upon the part of building contractors, they believe that this contractors, they believe that this aspect of the matter should also be looked into and that final judgment should be had, not only as to the integrity of the office of the inspector of buildings of the District of Columbia, but also as to the sufficiency of that department for the discharge of the heavy and important dutiest hat come upon it.

portant dutiest hat come upon it. "While, therefore, the Commis-White, therefore, the Commis-sioners believe that the above reso-lution or one having the same ob-ject should be passed, they suggest that in its present form it incorpo-rates an unproved charge against the honesty and faithfulness of public employes and they recommend that those portions of the resolution that contain such charges be eliminated and that the resolution be modified somewhat as shown in the accompanying copy.

"On their own initiative the Com missioners have already taken steps to make an adequate investigation, not only into the Knickerbocker building, but also into all the buildings of unusual character in the District of Columbia, more particularly

Former President and Mrs. Wilson, with Miss Bertha Bolling, at-tended B. F. Keith's Theater last evening and were applauded heart-ily by the audience. They appeared interested in the singing of Miss Jardon. who added to her program "Fili, Eili," the Jewish song of mourning, and Massenet's "Elegie." Learning that the Keith orchestra had been playing Barlow's "The League Triumphant," dedicted to the Woodrow Wilson Foundation, Mi. Wilson thanked the Keith conductor, C. Fred Clarke.

SCIENCE WOULD POLICY ON GENOA **AVERT DRYING UP** TO BE DECIDED OF ROCK CREEK BY U.S. SHORTLY

Experiments in Swiss Conclusion of Arms Parley Permits Reply to Invitation.

Cutinued from Page One.

Plans outlined by Ideut. Col. C. O. Sherrill. of the depriment of public buildings and grounds looking to prevent Rock Creek from drying up were highly praised yesterday by P. S. Ridsdale, secretary of the American Formatty Asserts. tions. The thing. I have in mind is, very briefly, to apply that same principle of segregated credit and of the American Forestry Associa-tion. Mr. Ridsdale points to the experiments made by Switzerland as to the influence of forests on the responsibility, in order to provide a as to the influence of forests on the run-off in mountains.

"What a calamity," says Secretary Ridsdale, "if we do not protect the headquarters of the creek in the most famous 'right-in-a-city' park in the world. We should all wake up to Col Sherrill's suggestion. Beneficial influence of forests upon streamfow in hilly and mountainous regions has long head mountainous regions has long head mountainous regions has long head.

"Our own experience with State

trade and commerce.
"Our own experience with State ests upon streamflow in nilly and mountainous regions has long been recognized. This recognition is so widespread many European coun-tries have enacted legislation for that, with the colonial and continental currencies, justifies the be-lief that a type of international tries have enacted legislation for the preservation of their mountain forests, and the United States is well embarked on a program for the acquisition by the Federal gov-ernment of forest lands on the watersheds of navigable streams. currency based on especial government guarantees and on ample gold reserves could be brought into existence and made useful.

Proposals More Respectable. The best example is furnished by the streamflow investigation that has been under way at the Swiss forest experiment station since 1900. "Nobody who has been following the development of intelligent opinion regarding this set of problems can doubt that proposals of this kind are constantly becoming "Watersheds of 127 and 172 less acres, the first of which was almost wholly forested and the other slightly less than one-third forested, were selected. With the later more and more respectable, less and less liable to the charge that they are chimerical and unworkable.

The functions of an international G II Lain School

as form, topography, geology and climate. For eighteen years complete meteorogical observations have been made and acurate records of run-off maintained in the lishments of the world those secruities two basins. These have yielded the mean of bringing the most complete and convictions.

party and the First Church of run-ff to the total precipitation conduct its operations in the terms christ, Scientist, and the Town and averaged practically the same, approximately 60 per cent in the two Dutch guilders-of any money sys proximately 60 per cent in the two watersheds. The distribution of the run-off was, however, very dif-ferent. In general the discharge of the stream from the well-forested watershed was much more uniform of tem that is recognized as securely on it a gold basis. Former Secretary of of Treasury Shaw recently proposed the employment of the American in settlement of international transthan that from the poorly-forested one, with high minima and low maxima. This difference is due to with high minima and low ma. This difference is due to

country in settlements would be al-most ridiculously small in propor-tion to the volume of business done. "The idea of an international trade the greater absorptive capacity of the forest soil, resulting from its porosity and permeability, and not. as wa sformerly thought, from its humus cover. The latter can, it is true, retain a very large quantity cause it would not be subject to the cause it would not be subject to the money and banking of water, but it does not give this charge that the money and banking of water, but it does not give the up readily to the underlying soil. systems of a particular country were in fact, a thick cover of raw humus getting too great a prestige. I do not impossible or imbelieve the thing impossible or im-practicable provided we have vision. and moss may, after it once be-comes saturated, actually promote surface run-off and thus prevent magination, and initiative enough to

lead us into a careful exploration of possible methods.
"I believe that it is time for consideration of measures to apply ef-fective forms of international cothan operation to this problem. Suc institution would furnish to every country not only an incentive, but a valued and ever present aid to bring its own currency system up toward parity with the medium of internafrom the former after such rains was seldom more than one-third to

tional transactions.
"Its power over the ratios of monetary exchange would constitute a leverage upon governments disposed

DEATH NOTICES.

LORRAINE GRAHAM, beloved wife of Morgan B. Callahan. Survived by in-fant son, her husband and her parents. Mr. and Mrs. Edwip C. Graham. Funeral services at All Saints' Episcopal Church, Chevy Chase Circle, Monday, February 6, 1922, at 10 s. m. Inter-ment private. noticeable. while f t was already thoroughly soaked there was little

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COA LUMP \$8.75

The lowest price for clean. free-burning LUMP COAL. Best Run of \$8.00 Mine Coal Acken Bros. & Hunter



GAS BURNER for boiling and steriliz-ing the clothes while in the water—no extra charge for this conven-lence.

You can buy the " 1900 " Washer ON TRIAL! Terms if desired.

Free demonstration in your home. Carroll-Erwin Co. 707-12th St. TLW.

too recklessly to inflate and debase their own domestic currencies. This in turn would be the most effective pressure upon governments to make their budgets balance, to reduce their expenditures, to live within their current revenues; and this, again, would be a powerful influence to keep governments in the mode of peace."

DRY GOODS MEN TO HAVE BIG WEEK

The interest and attention of Washington dry goods merchants this week will be centered upon the convention of the National Retail Dry Goods Association to be held at the Pennsylvania Hotel, New York City, Members of the department store sec-tion of the Merchants and Manufac-

Every phase of merchandising will be up for discussion at the conven-tion, which will open Wednesday morning and will continue through

Distinguished merchandising ex perts of America and abread will address the convention. Washingtonians who are on the program are Secretary of Agriculture Henry C. Wallace, Representative Sidney Anderson, of Minnesota, chair-man of the Joint Commission of Agricultural Inquiry; Miss Isabel Craig Bucon, special agent for retail sell-ing, Federal Board for Vocational Education; C. F. Nesbit, of the Mutual Insurance Agency; and Harold Young. Washington secretary of the

Young. Washington secretary of the National Retail Dry Goods Associa-Charles J. Columbus, secretary of the Merchants and Manufacturers' Association, will leave for New York tomorrow to attend the convention of the National Association of Re-tail Secretaries of which he is the Washington representative, as well

G. U. Law School Seniors To Hold "Prom" Tuesday

The senior class of Georgetown Law School will conduct its annual "prom" at the Willard Hotel on Tuesday next. There will be dancthe evening a seated supper will be served. MacWilliams' Orchestra will

AMUSEMENTS CAPITOL "Smoke if

All this week, beginning with to day's matinee.

At Singer Presents GROWN-UP BABIES'

Wrestling Thursday Night Amateur Night, Friday Next week-A Very Large Serean

ESTELLE ALLEN Graduate of the Leland Powers School of Boston, Mass.
Wishes to announce the opening of her studio for Spanking Voice.

Cultivation of Speaking Voice and Dramatic Art, Public Speaking, In personations, etc. Day and Evening Classes, Class and Private Lessons. 1614 Eye Street N.W.

furnish melody for the waltzing and fox-troiting of the embryo lawyers.

The class has extended an invitation to all Georgetown men of each department of the university to be of the Jesuit Missionary Band, will

SPIRITUAL RETREAT FOR WOMEN OPENS

One week of spiritual retreat for omen will be opened in St. Aloysius' Church tonight at 7:30 o'clock by Rev. William F. J. Mc-

Fadden, S. J., of the Jesuit Mis-sionary Band. The principal daily exercise during the retreat will be held at 7:30 o'clock in the erening, and will consist of the rosery, a sermon and benediction of the blessed sacranent. The rector of St. Aloysius the Rev. Paul R. Conniff, S. J., requested that as many as pos-sible attend mass and receive com-

of the Jesuit Missionary Band, will conduct the second week of retreat, which will begin next Sunday night and will be exclusively for men.

M. BROOKS & CO.

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I'weed Suits

Just received a lot of fine tweed suits in a number of styles in all colors and sizes.

New Spring Frocks

A fine collection of new Spring frocks in all the newest styles. made of Canton Crepes, taffetas, tricotines, poiret twills, satin faced cantons, faille cantons and lace combinations in all colors and sizes.

Values

Here Are the Winners in Last Week's Title Contest.

FIRST PRIZE (\$10)-"The With-held Heart," Charles Miller, 1104 East Capitol street. SECOND PRIZE (\$5)-"Suit's Pressed while You Wait," Laura E. Tudor, Government Hotels, V-W Building. THIRD PRIZE (\$4)-"A Card Index to Volumes of Sentiment," Ernest N. Smith, 1615 Q street northwest. FOURTH PRIZE (\$3)-"Trying to Make a Grand Slam," Mrs. J. E. Curtis, 401 Hobart place northwest." FIFTH PRIZE (\$2)-"Not according to Elwell," J. H. Edwards, 1731 Twentieth street northwest. SIXTH PRIZE (\$1)-"Say It with Hearts," S. L. Best, Cherrydale, Va.